

FORM
2A
Rev
04/01

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
----	----	----	----

Document Number:
400029085

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: _____

Submit original plus one copy. This form is to be submitted to the COGCC prior to any ground disturbance activity associated with oil and gas development operations. This Assessment may be approved as a stand alone application or submitted as an informational report accompanying an Application for Permit-To-Drill, Form 2. Approval of this Assessment will allow for the construction of the below specified location; however, it does not supersede any land use rules applied by the local land use authority. This form may serve as notice to land owners and other interested parties, please see the COGCC web site at <http://colorado.gov/cogcc/> for all accompanying information pertinent to this Oil and Gas Location Assessment.

Location ID:
415847
Expiration Date:
02/25/2013

This location assessment is included as part of a permit application.

1. CONSULTATION

- This location is included in a Comprehensive Drilling Plan. CDP # _____
- This location is in a sensitive wildlife habitat area.
- This location is in a wildlife restricted surface occupancy area.
- This location includes a Rule 306.d.(1)A.ii. variance request.

2. Operator

Operator Number: 27742
Name: EOG RESOURCES INC
Address: 600 17TH ST STE 1100N
City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Nick Mathis
Phone: (303) 262-2894
Fax: (303) 262-2895
email: Nick_Mathis@eogresources.com

4. Location Identification:

Name: Critter Creek Number: 08-14H
County: WELD
Quarter: SESE Section: 14 Township: 11N Range: 63W Meridian: 6 Ground Elevation: 5214

Define a single point as a location reference for the facility location. This point should be used as the point of measurement in the drawings to be submitted with this application. When the location is to be used as a well site then the point shall be a well location.

Footage at surface: 600 feet, from North or South section line: FSL and 600 feet, from East or West section line: FEL
Latitude: 40.916886 Longitude: -104.392964 PDOP Reading: 1.3 Date of Measurement: 12/16/2009

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits: <input type="text" value="1"/>	Drilling Pits: <input type="text" value="1"/>	Wells: <input type="text" value="1"/>	Production Pits: <input type="text" value="0"/>	Dehydrator Units: <input type="text" value="0"/>
Condensate Tanks: <input type="text" value="0"/>	Water Tanks: <input type="text" value="2"/>	Separators: <input type="text" value="1"/>	Electric Motors: <input type="text" value="0"/>	Multi-Well Pits: <input type="text" value="0"/>
Gas or Diesel Motors: <input type="text" value="0"/>	Cavity Pumps: <input type="text" value="2"/>	LACT Unit: <input type="text" value="1"/>	Pump Jacks: <input type="text" value="1"/>	Pigging Station: <input type="text" value="0"/>
Electric Generators: <input type="text" value="1"/>	Gas Pipeline: <input type="text" value="1"/>	Oil Pipeline: <input type="text" value="1"/>	Water Pipeline: <input type="text" value="0"/>	Flare: <input type="text" value="0"/>
Gas Compressors: <input type="text" value="0"/>	VOC Combustor: <input type="text" value="1"/>	Oil Tanks: <input type="text" value="5"/>	Fuel Tanks: <input type="text" value="0"/>	

Other: 1 Emergency Tank, 1 Meter Run, 1 lined Heater for Trace System, 1 Well Head

6. Construction:

Date planned to commence construction: 10/01/2010 Size of disturbed area during construction in acres: 3.70
Estimated date that interim reclamation will begin: 02/01/2011 Size of location after interim reclamation in acres: 3.00
Estimated post-construction ground elevation: 5213 Will a closed loop system be used for drilling fluids: Yes
Will salt sections be encountered during drilling: Yes No X Is H2S anticipated? Yes No X
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes No X
Mud disposal: Offsite Onsite Method: Land Farming Land Spreading Disposal Facility
Other: back fill and cover

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 12/08/2009
Surface Owner: X Fee State Federal Indian
Mineral Owner: X Fee State Federal Indian
The surface owner is: X the mineral owner X committed to an oil and gas lease
X is the executer of the oil and gas lease the applicant
The right to construct the location is granted by: oil and gas lease X Surface Use Agreement Right of Way
applicant is owner
Surface damage assurance if no agreement is in place: \$2000 \$5000 Blanket Surety ID

8. Reclamation Financial Assurance:

X Well Surety ID: 20030058 Gas Facility Surety ID: Waste Mgnt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 6623 , public road: 4701 , above ground utilit: 2752
, railroad: 5280 , property line: 600

10. Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: X Rangeland Timber Recreational Other (describe):
Subdivided: Industrial Commercial Residential

11. Future Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: X Rangeland Timber Recreational Other (describe):
Subdivided: Industrial Commercial Residential

12. Soils:

List all soil map units that occur within the proposed location. Attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.gov/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: Ascalon fine sandy loam, 0 to 6 percent slopes

NRCS Map Unit Name: Paoli fine sandy loam, 0 to 6 percent slopes

NRCS Map Unit Name: _____

13. Plant Community:

Complete this section only if any portion of the disturbed area of the location's current land use is on non-crop land.

Are noxious weeds present: Yes No

Plant species from: NRCS or, field observation Date of observation: _____

List individual species: Western wheatgrass, Needleandthread, Sideoats grama, Prairie sandreed, Fourwing saltbush, Green needlegrass, Switchgrass, Winterfat

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestern, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)
- Shrub Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)
- Plains Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)
- Mountain Riparian (Cottonwood, Willow, Blue Spruce)
- Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon, Aspen)
- Wetlands Aquatic (Bullrush, Sedge, Cattail, Arrowhead)
- Alpine (above timberline)
- Other (describe): _____

14. Water Resources:

Rule 901.e. may require a sensitive area determination be performed. If this determination is performed the data is to be submitted with the Form 2A.

Is this a sensitive area: No Yes Was a Rule 901.e. Sensitive Areas Determination performed: No Yes

Distance (in feet) to nearest surface water: 500, water well: 2800, depth to ground water: 54

Is the location in a riparian area: No Yes Was an Army Corps of Engineers Section 404 permit filed No Yes

Is the location within a Rule 317B Surface Water Suppl Area buffer zone:

No 0-300 ft. zone 301-500 ft. zone 501-2640 ft. zone

If the location is within a Rule 317B Surface Water Supply Area buffer have all public water supply systems within 15 miles been notified: No Yes

15. Comments:

railroad located greater than 1 mile. No improvements were identified within 400' of the proposed well site. Reference area located on undisturbed ground adjacent to and south of the location. Reference photo taken during the growing season will be submitted within 12 months. Permit # 5379- AD, is located approximately 2800 feet to the northeast. This well does not have any static water data. The closest well with data is Permit # 32509 located approximately 1.20 miles to the northeast. Surface use agreement filed with Form 2.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: _____ Date: 02/03/2010 Email: Nick_Mathis@eogresources.com

Print Name: Nick Mathis Title: Regulatory Specialist

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

David S. Neshin

COGCC Approved: _____

Director of COGCC

Date: 2/26/2010

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.

Attachment Check List

Att Doc Num	Name	Doc Description
1784810	NRCS MAP UNIT DESC	LF@2421405 1784810
1784811	CORRESPONDENCE	LF@2421438 1784811
400029509	DRILLING PLAN	LF@2271542 400029509
400029510	DEVIATED DRILLING PLAN	LF@2271550 400029510
400029511	DEVIATED DRILLING PLAN	LF@2271560 400029511
400029546	NRCS MAP UNIT DESC	LF@2271570 400029546
400029547	NRCS MAP UNIT DESC	LF@2271579 400029547
400029548	NRCS MAP UNIT DESC	LF@2271589 400029548
400029549	NRCS MAP UNIT DESC	LF@2271600 400029549
400029803	ACCESS ROAD MAP	LF@2271615 400029803
400029805	LOCATION DRAWING	LF@2271629 400029805
400029806	LOCATION PICTURES	LF@2271642 400029806
400029807	REFERENCE AREA PICTURES	LF@2271655 400029807
400029808	REFERENCE AREA MAP	LF@2271664 400029808
400029809	TOPO MAP	LF@2271672 400029809
400029816	WELL LOCATION PLAT	LF@2271680 400029816
400030039	LOCATION DRAWING	LF@2271689 400030039
400030050	REFERENCE AREA MAP	LF@2271715 400030050
400035188	HYDROLOGY MAP	LF@2271729 400035188
400035270	FORM 2A SUBMITTED	LF@2271740 400035270

Total Attach: 20 Files